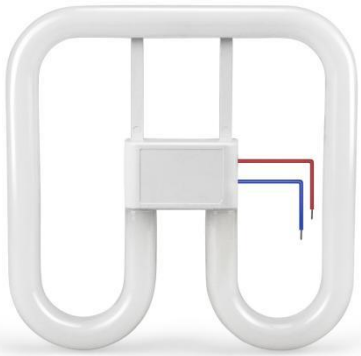
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Product Description

LED 2D Lamp

LED 2D lamp is an energy-efficient replacement for conventional fluorescent 2D tubes and a practical choice among modern 2D LED replacement lamps. Designed as a 4 pin 2D LED bulb, it uses a GR10q connection, a wide-voltage LED driver and a compact loop-shaped light source for flush ceiling fixtures. Available in 9W and 15W versions, it is ideal for residential and commercial LED 2D retrofit projects.

Advantage



• Wide voltage range

85-265V input with an LED driver inside the lamp for stable operation across a broad range of supply conditions.



• Easy replacement

Designed for GR10q 4-pin holders and common 2D fixture retrofit Applications accent lighting, product display and sloped ceilings.



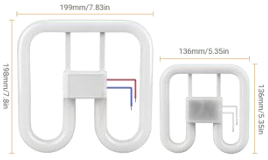
• High-transmission PC tube

PC plastic construction provides a clean appearance and efficient light transmission.



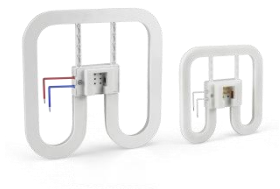
• Selectable CCT

Reference artwork shows 3000K, 4000K and 6000K options. Confirm the final CCT marking by SKU



• Two standard sizes

Approximate sizes: 15W at 199 x 198 mm and 9W at 136 x 136 mm



• Durable construction

PC plastic and a wide-voltage LED driver support clean appearance and stable operation

Installation

LED 2D retrofit installation: As a 4 pin 2D LED bulb, this lamp is designed for compatible GR10q fixtures and serves as a practical replacement for conventional fluorescent lamps. Switch off the power before installation. For ballast-bypass installation, remove the ballast and connect the 2D LED replacement lamps directly to the 85 – 265V mains supply according to the final wiring diagram. Installation must be completed by a qualified electrician.



Fluorescent 2D tube light &Ballast



Removed the two input wires of the ballast and fluorescent lamp



Plug in LED 2D Lamp



Connect LED 2D Lamp wires to 85-265v

Application

For LED 2D retrofit projects, these lamps provide a compact, efficient and familiar 2D light source. Typical applications include residential ceiling fixtures, bathrooms, kitchens, corridors, stairwells, utility rooms, offices, retail areas and hospitality interiors.

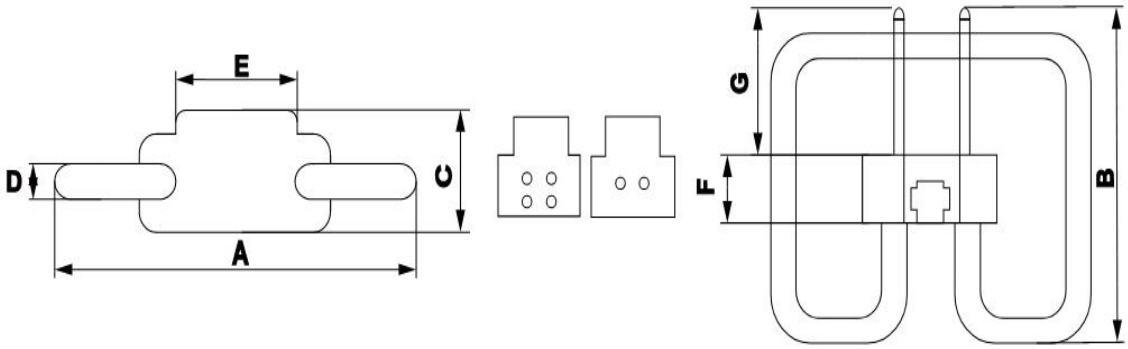
- Living rooms and bedrooms
- Kitchens
- Bathrooms and utility rooms
- Offices
- Corridors and hallways
- Hotel rooms and lobbies
- Retail and showrooms
- Restaurants and bars

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Dimensional drawing



	A Max	B Max	C Min	D	E	F	G
LTL-2D-9W	133±1.5mm	137±2.0mm	26.5±0.4mm	13.2±0.5mm	38.5±1mm	35.5±1mm	50±1mm
LTL-2D-15W	197±1.5mm	200±2.0mm	31.3±0.5mm	16±0.15mm	38.5±1mm	39±1mm	75.2±1mm

Product data

General Information	
Cap-Base	4-pin GR10q
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Driver included	Yes
Lighting Technology	LED

Light Technical	
Color Code	830 / 840 / 860
Beam Angle	180 degree(s)
Correlated Color Temperature	3000K / 4000K / 6000K
Luminous Efficacy (rated)	110.00 lm/W

Color rendering index (CRI)	80

Operating and Electrical	
Input Frequency	50 or 60 Hz
Power Factor	0.6
Voltage	85-265 VAC
Cable	Cable 12 cm without plug, 2-pole

Controls and Dimming	
Dimmable	Not dimmable (reference)

Mechanical and Housing	
Bulb Finish	Frosted (reference)
Bulb Material	PC plastic
Bulb Shape	2D loop

Approval and Application	
CE Marks	Yes
EU RoHS compliant	Yes
Energy saving prodouct	Yes

Application Conditions	
Can be used in closed luminaires	Yes (reference)
Wireless Technology	Not applicable

Specification

Model	LTL-2D-9W	LTL-2D-15W
Power consumption	9 W	15 W
Wattage Equivalent	16W	28 W
Product Length / Dimensions	133 x 137 mm	197 x 200 mm
Luminous Flux	990 lm	1650 lm
Net Weight(piece)	0.08 kg	0.133 kg
Packaging Data		
Carton dimensions	39*32*31.5 cm	44 x 40 x 23 cm
Quantity per carton	40 pcs	20 pcs
Net weight	3.2 kgs	2.65 kgs
Gross weight	3.5 kgs	2.9 kgs